

Patent
Attorney's Docket No. 0050-0160

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Hiroshi Asahina)	Group Art Unit: 2663
)	
Application No.: 09/901,663)	Examiner: M. Jung
)	
Filed: July 11, 2001)	
)	
For: COMMUNICATION SYSTEM)	
BETWEEN A RADIO COMMUNICATION)	
NETWORK AND A CONNECTIONLESS)	
NETWORK AND INTERWORKING)	
APPARATUS FOR USE IN THE)	
COMMUNICATION SYSTEM)	

**LETTER RE POWER OF ATTORNEY
AND STATEMENT UNDER 37 C.F.R. 3.73(b)**

U.S. Patent and Trademark Office
Customer Service Window, Mail Stop Amendment
Randolph Building
401 Dulany Street
Alexandria, VA 22314

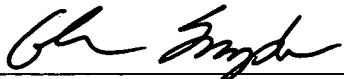
Sir:

Submitted herewith is a Power of Attorney, Exhibit A & B to Power of Attorney,
Statement under 37 C.F.R. 3.73 (b) and copies of documents establishing chain of title as filed in
the U.S. Patent and Trademark Office for the above-identified patent application.

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

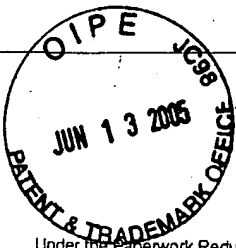
HARRITY & SNYDER, L.L.P.

By: 
Glenn Snyder
Reg. No. 41,428

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Fairfax, Virginia 22030
(571) 432-0800

Customer Number: 44987

Date: June 13, 2005



PTO/SB/81 (11-04)
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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

Application Number	Attachment: Exhibit A & Exhibit B
Filing Date	
First Named Inventor	
Title	
Art Unit	
Examiner Name	
Attorney Docket Number	

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☒ Practitioners associated with the Customer Number:

44987

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☒ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name				
Address				
City	State	Zip		
Country				
Telephone	Fax			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Signature	<i>Mitchell Gaynor</i>	Date	February 16, 2005
Name	Mitchell Gaynor	Telephone	
Title and Company	Vice President, Juniper Networks, Inc.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EXHIBIT A TO POWER OF ATTORNEY

U.S. PATENT APPLICATIONS

U.S. SERIAL NO.	FILING DATE
09/522,608	3/10/2000
09/977,227	10/16/2001
09/727,046	11/30/2000
09/743,594	1/11/2001
09/567,442	7/8/2002
09/733,940	12/12/2000
09/332,996	6/15/1999
09/324,655	6/3/1999
09/473,022	12/28/1999
09/506,366	2/18/2000
09/598,215	6/21/2000
09/939,706	8/28/2001
09/404,313	9/24/1999
09/406,803	9/28/1999
09/558,598	4/26/2000
09/676,559	10/2/2000
09/752,461	1/3/2001
09/825,941	4/5/2001
09/924,054	8/8/2001
09/966,099	10/1/2001
09/974,793	10/12/2001
09/899,074	7/6/2001
10/153,819	5/24/2002
10/160,028	6/4/2002
10/795,299	3/9/2004
10/795,536	3/9/2004
09/816,705	3/23/2001
09/797,590	3/5/2001
09/729,577	12/4/2000
09/820,351	3/29/2001
09/829,972	4/11/2001
09/858,637	5/17/2001

EXHIBIT A TO POWER OF ATTORNEY

U.S. PATENT APPLICATIONS

U.S. SERIAL NO.	FILING DATE
09/929,367	8/15/2001
09/866,616	5/30/2001
10/066,666	2/6/2002
10/173,813	6/19/2002
10/227,808	8/27/2002
09/718,378	11/24/2000
09/615,719	7/13/2000
09/784,140	2/16/2001
09/760,781	1/17/2001
09/946,472	9/6/2001
10/266,636	10/9/2002
09/545,888	4/7/2000
09/945,758	9/5/2001
10/038,655	1/8/2002
10/188,060	7/3/2002
10/755,499	1/12/2004
09/576,324	5/22/2000
09/512,088	2/24/2000
09/931,922	8/20/2001
09/901,663	7/11/2001
09/589,511	6/8/2000
09/861,890	5/22/2001
09/955,955	9/20/2001
10/098,124	3/15/2002

EXHIBIT B TO POWER OF ATTORNEY

U.S. PATENTS

U.S. PATENT NO.	ISSUE DATE
5,132,966	7/21/1992
5,355,372	10/11/1994
5,412,648	5/2/1995
5,425,026	6/13/1995
5,440,551	8/8/1995
5,448,567	9/5/1995
5,521,917	5/28/1996
5,563,887	10/8/1996
5,581,689	12/3/1996
5,608,738	3/4/1997
5,636,212	6/3/1997
5,671,213	9/23/1997
5,675,384	10/7/1997
5,719,853	2/17/1998
5,724,353	3/3/1998
5,737,313	4/7/1998
5,742,600	4/21/1998
5,745,694	4/28/1998
5,748,632	5/5/1998
5,764,637	6/9/1998
5,787,073	7/28/1998
5,796,736	8/18/1998
5,822,320	10/13/1998
5,828,667	10/27/1998
5,831,981	11/3/1998
5,864,553	1/26/1999
5,886,981	3/23/1999
5,896,386	4/20/1999
5,903,559	5/11/1999
5,909,446	6/1/1999
5,913,074	6/15/1999

EXHIBIT B TO POWER OF ATTORNEY

U.S. PATENTS

U.S. PATENT NO.	ISSUE DATE
5,920,620	7/6/1999
5,966,513	10/12/1999
5,974,036	10/26/1999
5,978,355	11/2/1999
6,011,797	1/4/2000
6,034,961	3/7/2000
6,041,037	3/21/2000
6,041,342	3/21/2000
6,046,981	4/4/2000
6,049,527	4/11/2000
6,061,355	5/9/2000
6,072,776	6/6/2000
6,108,708	8/22/2000
6,122,251	9/19/2000
6,134,249	10/17/2000
6,137,778	10/24/2000
6,160,822	12/12/2000
6,172,991	1/9/2001
6,549,518	4/15/2003
6,574,019	6/3/2003
6,625,123	9/23/2003
6,198,746 B1	3/6/2001
6,199,033 B1	3/6/2001
6,201,810 B1	3/13/2001
6,205,145 B1	3/20/2001
6,233,258 B1	5/15/2001
6,252,875 B1	6/26/2001
6,282,200 B1	8/28/2001
6,330,223 B1	12/11/2001
6,339,597 B1	1/15/2002
6,347,098 B1	2/12/2002
6,363,064 B1	3/26/2002

EXHIBIT B TO POWER OF ATTORNEY

U.S. PATENTS

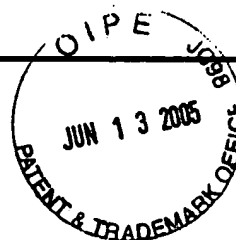
U.S. PATENT NO.	ISSUE DATE
6,404,738 B1	6/11/2002
6,404,744 B1	6/11/2002
6,408,005 B1	6/18/2002
6,418,144 B1	7/9/2002
6,418,145 B1	7/9/2002
6,421,316 B1	7/16/2002
6,424,622 B1	7/23/2002
6,438,138 B1	8/20/2002
6,452,908 B1	9/17/2002
6,459,699 B1	10/1/2002
6,470,004 B1	10/22/2002
6,490,282 B1	12/3/2002
6,493,356 B1	12/10/2002
6,509,985 B1	1/21/2003
6,532,234 B1	3/11/2003
6,542,467 B2	4/1/2003
6,560,232 B1	5/6/2003
6,574,191 B1	6/3/2003
6,580,714 B1	6/17/2003
6,594,267 B1	7/15/2003
6,597,657 B1	7/22/2003
6,621,788 B1	9/16/2003
6,628,924 B1	9/30/2003
6,657,958 B1	12/2/2003
6,665,263 B1	12/16/2003
6,671,276 B1	12/30/2003
6,700,873 B1	3/2/2004
6,704,321 B1	3/9/2004
6,707,823 B1	3/16/2004
6,711,133 B1	3/23/2004
6,714,547 B1	3/30/2004
6,721,324 B1	4/13/2004
6,721,413 B1	4/13/2004

EXHIBIT B TO POWER OF ATTORNEY

U.S. PATENTS

U.S. PATENT NO.	ISSUE DATE
6,731,603 B1	5/4/2004
6,731,637 B2	5/4/2004
6,731,651 B1	5/4/2004
6,738,352 B1	5/18/2004
6,738,385 B1	5/18/2004
6,741,570 B1	5/25/2004
6,747,990 B1	6/8/2004
6,766,387 B2	7/20/2004
6,771,702 B1	8/3/2004
6,801,498 B1	10/5/2004
6,791,946 B1	9/14/2004
6,801,504 B1	10/5/2004
6,807,653 B2	10/19/2004
6,804,198 B1	10/12/2004
6,788,699 B1	9/7/2004

STATEMENT UNDER 37 CFR 3.73(b)



Applicant/Patent Owner: Hiroshi Asahina

Application No./Patent No.: 09/901,663 Filed/Issue Date: July 11, 2001

Entitled: COMMUNICATION SYSTEM BETWEEN A RADIO COMMUNICATION NETWORK AND A CONNECTIONLESS NETWORK AND INTERWORKING APPARATUS FOR USE IN THE COMMUNICATION SYSTEM

Juniper Networks, Inc., a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _%

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Hiroshi Asahina To: NEC Corporation

The document was recorded in the United States Patent and Trademark Office at Reel 011985, Frame 0715, or for which a copy thereof is attached.

2. From: NEC Corporation To: Juniper Networks, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel __, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

June 13, 2005
Date

Glenn Snyder
Typed or printed name


Signature

Attorney for Assignee
Title

US pending applications

Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, hereinafter called Assignor, is the owner and assignee of record of the pending applications listed on the attached Schedule A; and

Whereas, Juniper Networks, Inc., a U.S.A. corporation, having a place of business at 1194 North Mathilda Avenue, Sunnyvale, California 94089-1206, U.S.A., hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said applications listed on the attached Schedule A;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the applications listed on the attached Schedule A, including continuations, divisions and reissues thereof;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

Date: January 17, 2005

Sachio Matsubara
Name: Sachio Matsubara
Title: Senior Manager,
Intellectual Asset Planning Division,
Intellectual Asset Operations Unit

Witness:

Date: January 17, 2005

Y. Yamamoto
Name:

Schedule A

US Patent Applications

<u>Serial No.</u>	<u>Filing Date (Y/M/D)</u>
09/522608	2000/3/10
09/977227	2001/10/16
09/727046	2000/11/30
09/743594	2001/1/11
09/567442	2002/7/8
09/733940	2000/12/12
09/332996	1999/6/15
09/324655	1999/6/3
09/473022	1999/12/28
09/506366	2000/2/18
09/598215	2000/6/21
09/939706	2001/8/28
09/404313	1999/9/24
09/406803	1999/9/28
09/558598	2000/4/26
09/676559	2000/10/2
09/752461	2001/1/3
09/825941	2001/4/5
09/924054	2001/8/8
09/966099	2001/10/1
09/974793	2001/10/12
09/899074	2001/7/6
10/153819	2002/5/24
10/160028	2002/6/4
10/795299	2004/3/9
10/795536	2004/3/9
09/816705	2001/3/23
09/797590	2001/3/5
09/729577	2000/12/4
09/820351	2001/3/29
09/829972	2001/4/11

Serial No.	Filing Date (Y/M/D)
09/858637	2001/5/17
09/929367	2001/8/15
09/866616	2001/5/30
10/066666	2002/2/6
10/173813	2002/6/19
10/227808	2002/8/27
09/718378	2000/11/24
09/615719	2000/7/13
09/784140	2001/2/16
09/760781	2001/1/17
09/946472	2001/9/6
10/266636	2002/10/9
09/545888	2000/4/7
09/945758	2001/9/5
10/038655	2002/1/8
10/188060	2002/7/3
10/755499	2004/1/12
09/576324	2000/5/22
09/512088	2000/2/24
09/931922	2001/8/20
09/901663	2001/7/11
09/589511	2000/6/8
09/861890	2001/5/22
09/955955	2001/9/20
10/098124	2002/3/15

US patents

Assignment

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan, hereinafter called Assignor, is the owner and assignee of record of the patents listed on the attached Schedule A; and

Whereas, Juniper Networks, Inc., a U.S.A. corporation, having a place of business at 1194 North Mathilda Avenue, Sunnyvale, California 94089-1206, U.S.A., hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said patents listed on the attached Schedule A;

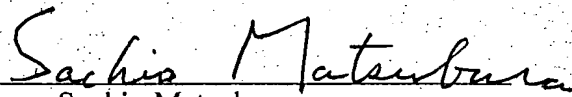
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the patents listed on the attached Schedule A;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.


NEC Corporation

Date: January 17, 2005


Name: Sachio Matsubara
Title: Senior Manager,
Intellectual Asset Planning Division,
Intellectual Asset Operations Unit

Witness:

Date: January 17, 2005


Name: _____

Schedule A

US Patents

Patent No.	Issue Date (Y/M/D)	Serial No.	Filing Date (Y/M/D)
5132966	1992/7/21	07/496973	1990/3/23
5355372	1994/10/11	107542	1993/8/17
5412648	1995/5/2	08/173214	1993/12/27
5425026	1995/6/13	08/177527	1994/1/5
5440551	1995/8/8	08/177755	1994/1/4
5448567	1995/9/5	08/097,683	1993/7/27
5521917	1996/5/28	08/397971	1995/3/3
5563887	1996/10/8	08/311924	1994/9/26
5581689	1996/12/3	08/365449	1994/12/28
5608738	1997/3/4	08/338778	1994/11/10
5636212	1997/6/3	08/182421	1994/1/5
5671213	1997/9/23	08/552533	1995/11/6
5675384	1997/10/7	08/538672	1995/10/3
5719853	1998/2/17	08/636274	1996/4/29
5724353	1998/3/3	08/572107	1995/12/14
5737313	1998/4/7	08/616389	1996/3/15
5742600	1998/4/21	08/655216	1996/6/5
5745694	1998/4/28	08/521193	1995/8/30
5748632	1998/5/5	08/676501	1996/7/8
5764637	1998/6/9	08/647040	1996/5/9
5787073	1998/7/28	08/654674	1996/5/29
5796736	1998/8/18	08/503021	1995/7/17
5822320	1998/10/13	08/746922	1996/11/18
5828667	1998/10/27	08/645016	1996/5/9
5831981	1998/11/3	08/768158	1996/12/13
5864553	1999/1/26	08/780468	1997/1/8
5886981	1999/3/23	08/837102	1997/4/14
5896386	1999/4/20	08/791737	1997/1/31
5903559	1999/5/11	08/771559	1996/12/20
5909446	1999/6/1	08/907831	1997/8/14
5913074	1999/6/15	08/746927	1996/11/18
5920620	1999/7/6	08/784052	1997/1/17
5966513	1999/10/12	08/734020	1996/10/18
5974036	1999/10/26	08/773,738	1996/12/24
5978355	1999/11/2	08/822349	1997/3/20
6011797	2000/1/4	08/896027	1997/7/17

<u>Patent No.</u>	<u>Issue Date (Y/M/D)</u>	<u>Serial No.</u>	<u>Filing Date (Y/M/D)</u>
6034961	2000/3/7	08/998666	1997/12/29
6041037	2000/3/21	08/912739	1997/8/18
6041342	2000/3/21	09/109874	1998/7/2
6046981	2000/4/4	08/808128	1997/2/28
6049527	2000/4/11	08/824051	1997/3/21
6061355	2000/5/9	08/929169	1997/9/15
6072776	2000/6/6	08/795804	1997/2/5
6108708	2000/8/22	08/859712	1997/5/21
6122251	2000/9/19	08/968,568	1997/11/12
6134249	2000/10/17	08/613294	1996/3/11
6137778	2000/10/24	09/048271	1998/3/26
6160822	2000/12/12	09/028,453	1998/2/24
6172991	2001/1/9	09/024101	1998/2/17
6549518	2003/4/15	09/212438	1998/12/16
6574019	2003/6/3	09/468340	1999/12/21
6625123	2003/9/23	09/310864	1999/5/3
6198746B1	2001/3/6	09/056965	1998/4/8
6199033B1	2001/3/6	09/130517	1998/8/7
6201810B1	2001/3/13	08/910117	1997/8/13
6205145B1	2001/3/20	09/017208	1998/2/2
6233258B1	2001/5/15	09/090872	1998/6/5
6252875B1	2001/6/26	09/139321	1998/8/25
6282200B1	2001/8/28	09/073431	1998/5/6
6330223B1	2001/12/11	09/003243	1998/1/6
6339597B1	2002/1/15	09/120112	1998/7/22
6347098B1	2002/2/12	09/122638	1998/7/27
6363064B1	2002/3/26	09/090275	1998/6/4
6404738B1	2002/6/11	09/010488	1998/1/21
6404744B1	2002/6/11	09/235733	1999/1/22
6408005B1	2002/6/18	08/924820	1997/9/5
6418144B1	2002/7/9	09/292566	1999/4/15
6418145B1	2002/7/9	09/213931	1998/12/17
6421316B1	2002/7/16	09/118861	1998/7/20
6424622B1	2002/7/23	09/249324	1999/2/12
6438138B1	2002/8/20	09/164599	1998/10/1
6452908B1	2002/9/17	09/216943	1998/12/21
6459699B1	2002/10/1	09/316114	1999/5/20
6470004B1	2002/10/22	09/200797	1998/11/27
6490282B1	2002/12/3	09/266772	1999/3/12
6493356B1	2002/12/10	09/226242	1999/1/7
6509985B1	2003/1/21	09/363408	1999/7/29
6532234B1	2003/3/11	09/107955	1998/6/30

<u>Patent No.</u>	<u>Issue Date (Y/M/D)</u>	<u>Serial No.</u>	<u>Filing Date (Y/M/D)</u>
6542467B2	2003/4/1	09/262338	1999/3/4
6560232B1	2003/5/6	09/437299	1999/11/9
6574191B1	2003/6/3	09/391409	1999/9/8
6580714B1	2003/6/17	09/184513	1998/11/2
6594267B1	2003/7/15	09/323123	1999/6/1
6597657B1	2003/7/22	09/478338	2000/1/6
6621788B1	2003/9/16	09/443389	1999/11/19
6628924B1	2003/9/30	09/549706	2000/4/14
6657958B1	2003/12/2	09/313756	1999/5/18
6665263B1	2003/12/16	09/373179	1999/8/12
6671276B1	2003/12/30	08/972748	1997/11/18
6700873B1	2004/3/2	09/610386	2000/7/5
6704321B1	2004/3/9	09/262825	1999/3/5
6707823B1	2004/3/16	09/339654	1999/6/24
6711133B1	2004/3/23	09/568961	2000/5/11
6714547B1	2004/3/30	09/497233	2000/2/3
6721324B1	2004/4/13	09/339441	1999/6/24
6721413B1	2004/4/13	09/478358	2000/1/6
6731603B1	2004/5/4	09/233084	1999/1/19
6731637B2	2004/5/4	09/368180	1999/8/4
6731651B1	2004/5/4	09/333608	1999/6/15
6738352B1	2004/5/18	09/511773	2000/2/24
6738385B1	2004/5/18	09/388342	1999/9/1
6741570B1	2004/5/25	09/617502	2000/7/17
6747990B1	2004/6/8	09/480218	2000/1/10
6766387B2	2004/7/20	09/861710	2001/5/22
6771702B1	2004/8/3	09/439993	1999/11/15
6801498B1	2004/10/5	09/511905	2000/2/23
6791946B1	2004/9/14	09/444573	1999/11/19
6801504B1	2004/10/5	09/316034	1999/5/21
6807653B2	2004/10/19	10/298315	2002/11/15
6804198B1	2004/10/12	09/575820	2000/5/22
6788699B1	2004/9/7	09/688799	2000/10/17